

Optoma

HD70



HD70

DarkChip2 DLP™ Projector

Best Choice For Entry Level 720p Home Theater Projector

Excellent Video and Image Present specification

- Advanced Texas Instruments **720 DarkChip2 DMD**
- High contrast ratio **4000 : 1** (with image AI)
- True resolution support :
1280 x720 (16 x 9) native **HDTV 720P** compatible

Professional color and image adjustment design

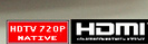
- **7 segment**(RGBWRGB)color wheel with **4X speed**
- **BrilliantColor™** Image technology
- Build-in multi-Gamma and color adjustment setting for each signal (By **True Vivid** image technology)
- Integrated image manipulation including : Format , Overscan,Edge mask, Digital image shift. H & V

High performance image processing and I/O

- High performance image Scalar : TI DPP3020 (10 Bit Image processing)
- **HDMI** input support HDCP function , Component , VGA(support component, too)

Perfection design for Home theater used

- Ultra low noise level only **28dB**
- Back light & user friendly(direct key) IR remote control
- Light and handy Body design ,easy for setup in desktop or ceiling mount .
- Useful 1.2 X short throw lens



Specifications	HD70
Display Technology	0.62 inch / 12 degree 720P DarkChip2 DMD from Texas Instruments.
Native Resolution	1280x720
Brightness (Brite mode) / Contrast Ratio	1000 Lumens / 4000 :1 ((with Image AI ON)
Projection Lens	Throw ratio : 1.58 ~1.9:1 ; f=22.25 – 26.69 mm, F/2.5~2.8 ; Short throw Lens ;1.2 X manual zoom / focus lens.
Image shift	Up/Down, Left/Right digital Image shift
Projection Image Size / Distance	36 to 315 inches / 1.5m ~ 11m
Keystone Correction	Vertical & Horizontal ±15°,
Aspect Ratio	Native on 16:9 (HDTV 720P 1280 x 720) widescreen, 4:3 compatible
Video Compatibility	HDTV (480p, 576p, 720p, 1080i), 480i,576i,Full NTSC, NTSC4.43, PAL, PAL-M, PAL-N, SECAM,HDMI(480i/p,576i/p,720p,1080i/p),Computer capability up to SXGA+
Input / Output Connections	HDMI x 1 ,VGA x 1(Analog RGB ,SCART, Component), Component YCbCr/ YPbPr (RCA) x 1, S-Video x 1,Composite Video x 1, +12V Relay output x 1, USB (service port) x 1, IR receivers x 1 (front) , IR module port x 1(back)
Uniformity	90 %
Noise	28dB in Standard mode / 30dB in bright mode
Lamp Type	200-watt User Replaceable lamp
Lamp Life	3000 hours in normal mode / 2000 hours in Brite mode
Power Supply	Universal AC 100 - 240 volts, 50/ 60Hz
Power Consumption	260W (Operating) , < 13W(Stand by)
Dimensions (W x D x H) / Weight	265 x 256 x 108 (mm) / 5.6 pounds (2.5kg)

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